

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\  
 Data File : VU041816.D  
 Acq On : 24 Dec 2020 19:53  
 Operator : SY/MD  
 Sample : L5204-02 100X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AL6

Quant Time: Dec 25 05:12:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 25 03:47:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 118842   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 117809   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52534    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 38823    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 38176    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 57410    | 3.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 144808   | 54.26    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.52% |
| 24) Chloroform-d               | 5.08   | 84    | 80094    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 46128    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 150219   | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 48789    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 121242   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19281    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 118625   | 45.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 48154    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 48137    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 6566 | 0.682 ug/L | 90     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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